

For Research Use Only

# HMCN2 Polyclonal antibody, PBS Only

Catalog Number: 32178-1-PBS



## Basic Information

Catalog Number:

32178-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG37696

GenBank Accession Number:

XM\_011518465.3

GeneID (NCBI):

256158

UNIPROT ID:

Q8NDA2

Full Name:

hemicientin 2

Calculated MW:

542kDa 5059aa

Observed MW:

550 kDa

Purification Method:

Antigen affinity Purification

## Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human

## Background Information

HMCN2 (Hemicientin-2) is a large extracellular matrix protein belonging to the fibronectin family. HMCN2 proteins form a complex network of microfibrils in the extracellular matrix that is essential for the maintenance of tissue structure and function. HMCN2 is expressed in epithelial cells and muscle tissues, and may play an important role in muscle-tendon attachment. HMCN2 expression and localization suggests that it has an important role in maintaining the integrity of skin and muscle tissue. It may maintain tissue structure and function by interacting with other extracellular matrix proteins, such as fibronectin and elastic fibers.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

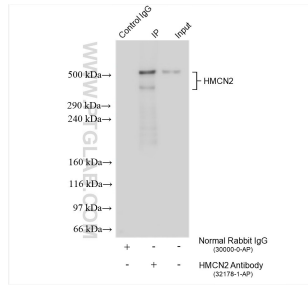
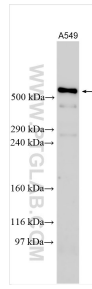
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## Selected Validation Data



Various lysates were subjected to Tris-Acetate gel system followed by western blot with 32178-1-AP (HMCN2 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32178-1-PBS in a different storage buffer formulation.

IP result of anti-HMCN2 (IP:32178-1-AP, 4ug; Detection:32178-1-AP 1:600) with SH-SY5Y cells lysate 1720 ug. This data was developed using the same antibody clone with 32178-1-PBS in a different storage buffer formulation.